In the Claims

1.(Currently amended)   A method for processing an information sequence with an iterative decoder, comprising:

dividing the information sequence into a current window and at least one additional window;

selecting the current window of the information sequence; ~~and~~

computing at least one metric value for a current recursion of the current window based on metric values from another window in a previous iteration, wherein the another window is from the at least one additional window; and

initializing a training recursion for the current window based on the metric values.

2.(Cancelled).

3.(Previously amended)   The method of claim 1, further comprising: processing the metric values.

4.(Original)   The method of claim 3, further comprising: storing the processed metric values.

5.(Cancelled)

6.(Previously amended)   The method of claim 3, wherein the processing step comprises:
assigning the metric values.

7.(Currently amended)   The method of claim 1[2], further comprising: determining an index of the metric values[; and

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initializing the training recursion of the current window based on the index of the metric values].

8.(Cancelled)

9.(Cancelled)

10. (Cancelled).

11. (Cancelled).

12. (Cancelled).

13. (Cancelled).

14. (Cancelled).

15. (Cancelled).

16. (Cancelled).

17. (Cancelled).

18. (Cancelled).

19.(Currently amended)   An iterative decoding system, comprising:

means for dividing an information sequence into a current window and at least one additional window;

means for selecting the current window of the information sequence; and

~~means for computing at least one metric value for a current recursion of the current window based on metric values from another window in a previous iteration wherein the another window is from the at least one additional window~~

means for computing at least one metric value for a current recursion of the current window in a current iteration based on metric values of another window that were recursively computed in a previous iteration.

20.(Cancelled)

21.(Currently amended)   The system of claim 19, further comprising:

means for processing the metric values to produce processed metric values [at least one metric value].

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22.(Currently Amended)   The system of claim 21, further comprising:

means for storing the processed metric values [at least one metric value]

~~processed metric values~~.

23.(Cancelled)

24.(Currently amended)   The system of claim 21, further comprising:

means for assigning the metric values. [at least one metric value].

25.(Cancelled).

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26.(Cancelled)

27.(Cancelled)

28. (Currently amended)   A turbo decoding system comprising:

at least one interleaver;

at least one de-interleaver;

at least one decoder, wherein the at least one decoder comprises;

means for dividing an information sequence into a current window and at least one additional window;

means for selecting the current window of the information sequence; and

means for computing at least one metric value for a current recursion of the current window in a current iteration based on metric values of another window that were recursively computed in a previous iteration.

~~means for computing at least one metric value for a current recursion of the current window based on metric values from another window in a previous iteration, wherein the another window is from the at least one additional window.~~

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